

### AMENDMENTS TO THE CLAIMS

1. **(Currently amended)** A device capable of insertion through into a teat orifice and into a teat streak canal, wherein the device is configured to be wherein the device is capable of being held in position entirely within the teat streak canal once inserted therein, such that the device has no protrusions penetrating outwards beyond an epithelium of the teat orifice and wherein the surface of the device is contoured to integrate with endogenous keratin to form a composite plug.

2. **(Currently amended)** The device as claimed in claim 1, wherein the device is configured to deliver one or more treatment substances to the teat streak canal.

3. **(Currently amended)** The device as claimed in claim 2, wherein the device is configured to deliver said one or more treatment substances for a period of time necessary for endogenous keratin plugs to form.

4. **(Currently amended)** The device as claimed in claim, wherein the device is configured to degrade over time.

5. **(Currently amended)** The device as claimed in claim 1, wherein the device is configured to act as a physical barrier to prevent ~~the~~ unwanted passage of substances through the teat streak canal.

6.-12. **(Canceled)**

13. **(Currently amended)** The device as claimed in claim 1, wherein the device is configured to withstand a ~~the~~ build up in ~~of~~ milk pressure[[s]] immediately post-drying off without the device being ejected.

14. **(Currently amended)** The device as claimed in claim 1, wherein the device is configured to be dislodged from the teat streak canal by the milk pressure generated as a consequence of lactogenesis.

15. **(Currently amended)** The device as claimed in claim 1, wherein the device includes one or more surface features to enhance the retention of the device.

16. **(Currently amended)** The device as claimed in claim 15, wherein said one or more surface features include one or more grooves.

17. **(Currently amended)** The device as claimed in claim 15, wherein said one or more surface features include a spiral thread.

18. **(Currently amended)** The device as claimed in claim 15, wherein said one or more surface features include a plurality of protrusions.

19. **(Currently amended)** The device as claimed in claim 15, wherein said one or more surface features are configured so as to cause minimal dislodgment of keratin upon at insertion and integrate with endogenous keratin.

20.-31. **(Canceled)**

32. **(Currently amended)** A method of treating an animal with the ~~using a device of Claim 1 comprising capable of insertion into a teat orifice characterised by the step of inserting said device through into a teat orifice and into a teat streak canal during involution, the device eapable of being held in position entirely within the teat streak canal once inserted therein and wherein the surface of the device is contoured to allow the formation of an endogenous keratin plug.~~

33. **(Currently amended)** A method of treating an animal as claimed in claim 32 including the further step of delivering one or more treatment substances to the teat streak canal.

34. **(Canceled)**

35. **(Canceled)**

36. **(New)** The device as claimed in Claim 1, wherein the device is configured such that it does not extend into a teat cistern once inserted in the teat streak canal.

37. **(New)** The device as claimed in Claim 1, wherein the device is configured to integrate with endogenous keratin to form a composite plug.

38. **(New)** The method as claimed in Claim 32 comprising a further step of retaining the device within the teat streak canal for a time sufficient for the device to integrate with endogenous keratin to form a composite plug.